

**What is claimed is:**

1. A portable information processing terminal adapted to be connected to one or more than one targets by way of a network, said terminal comprising:

an imaging means for imaging visible identification information possessed by the targets:

a connection means for establishing connection between itself and the targets identified by said identification means.

an image confirmation means for confirming the images of the targets including said identification information.

a user terminal to be used by a user;

an identification means for an identifying the targets on the basis of the identification information imaged by said imaging means; and

a connection means for establishing connection between the user terminal and the targets identified by said identification means.

4. The information input/output system according to claim 3, further comprising:

an image confirmation means for confirming the images of the targets including said identification information.

5. The information input/output system according to claim 3, wherein said imaging means is provided integrally in said user terminal.

6. The information input/output system according to claim 3, wherein said imaging means is connected to said user terminal by way of a cable.

7. The information input/output system according to claim 3, wherein said imaging means is connected to said user terminal by way of a network.

8. The information input/output system according to claim 3, wherein said user terminal is connected to said targets by way of a network; said targets have respective network addresses;

said information input/output system further comprising a data base means for controlling the correspondence between the identification information of each target and its network address; and

said connection means being adapted to connect the user terminal and the targets by referring to said data base means for the network address of each target corresponding to the identification information.

9. The information input/output system according to claim 3, wherein said connection means sustains the connection between the targets and said user terminal as long as the imaging means is imaging the targets or their identification information.

10. The information input/output system according to claim 3, wherein said user terminal includes a display screen; and  
the images taken by said imaging means is displayed on said display screen.

11. The information input/output system according to claim 3, wherein said user terminal includes a display screen;  
the images taken by said imaging means is displayed on said display screen; and

said connection means sustains the connection between the targets and said user terminal as long as the targets identified by said identification means are displayed on said display screen.

12. The information input/output system according to claim 3, wherein said user terminal includes a display screen;  
the images taken by said imaging means is displayed on said display screen; and

said images of the targets taken by said imaging means is held on said display screen as long as said connection means sustains the connection

between the targets and said user terminal.

13. The information input/output system according to claim 3, wherein said user terminal has a storage means for storing the taken images of said targets identified by said identification means.

14. The information input/output system according to claim 3, wherein said user terminal has a storage means for storing the taken images of said targets identified by said identification means; and

said connection means establishes connection between said user terminal and relevant taken targets in response to the display of said image on said display screen.

15. The information input/output system according to claim 3, wherein said user terminal has a storage means for storing the taken images of said targets identified by said identification means; and

all the taken images retrieved from said storage means are displayed on the display screen and said the connection means establishes connection between said user terminal and relevant taken targets in response to the selection of said image from said displayed images.

16. The information input/output system according to claim 3, further comprising:

an application means for transferring predetermined data and/or commands between the user terminal and the targets being connected.

17. The information input/output system according to claim 3, wherein said user has a display screen; and

said application means transfers the page being displayed on the display screen to a projector, or a target, as an image to be projected as long as said connection means sustains the connection between the projector and the user terminal.

18. The information input/output system according to claim 3, wherein said user terminal has a keyboard or some other user input means; and

said application means transfers the user input data input by using said user input means as user input data on a computer system, or a target, as long as said connection means sustains the connection between the computer system and the user terminal.

19. The information input/output system according to claim 3, wherein said user has a display screen; and

said application means obtains the data to be shown from targets and display them on the display screen as long as said connection means sustains the connection between said targets including said data to be shown and updated regularly or irregularly and the user terminal.

20. The information input/output system according to claim 3, wherein said application means receives alarms from a target, or a device having a alarm feature and execute said alarm on said user terminal as long as said

connection means sustains the connection between the target and the user terminal.

21. The information input/output system according to claim 3, wherein said application means transmits the video recording appointment information input at said user terminal to a target, or a video recording/reproduction apparatus having a video recording appointment feature so long as said connection means sustains the connection between said video recording/reproduction apparatus and the user terminal.

22. The information input/output system according to claim 3, wherein said user has a display screen; and

said application means displays an image of operation for controlling remotely controllable targets on the display screen and transmit the user operation displayed on the display screen to the targets as long as said connection means sustain the connection between the target and the user terminal.

23. An information input/output method for processing user inputs/outputs in an information space comprising a user terminal to be used by a user;

one or more than one targets connected to said user terminal in a format adapted to transfer of information and including visible identification information, an identification means for identifying the targets on the basis of



the connection between the targets and said user terminal is sustained as long as the imaging means is imaging the targets or their identification information in said step (b) of establishing the connection.

27. The information input/output method according to claim 23, wherein said user terminal includes a display screen and the images taken by said imaging means is displayed on said display screen; and

the connection between the targets and said user terminal is sustained as long as the targets identified by said identification means are displayed on a display screen in said step (b) of establishing the connection.

28. The information input/output method according to claim 23, wherein said user terminal includes a display screen and the images taken by said imaging means is displayed on said display screen; and

said images of the targets are be held on a display screen as long as said connection means sustains the connection between the targets and said user terminal.

29. The information input/output method according to claim 23, wherein said user terminal has a display screen and a storage means for storing the taken images of said targets identified by said identification means; and

said step (b) is executed to establish connection established between said user terminal and relevant taken targets in response to the display of said image on said display screen.



30. The information input/output method according to claim 23, wherein said user terminal has a display screen and a storage means for storing the taken images of said targets identified by said identification means; and said method further comprises (c) a step of displaying all the taken images retrieved from said storage means on the display screen; and said step (b) is executed to establish connection between said user terminal and relevant taken targets in response to the selection of said image from said displayed images.

31. The information input/output method according to claim 23, further comprising:

(d) an application step of transferring predetermined data and/or commands between the user terminal and the targets being connected.

32. The information input/output method according to claim 23, wherein said user terminal has a display screen; and the page being displayed on the display screen to a projector, or a target, is transferred as an image to be projected as long as the connection between the projector and the user terminal is sustained in said application step (d).

33. The information input/output method according to claim 23, wherein said user terminal has a keyboard or some other user input means; and the user input data input by using said user input means can be transferred as user input data on a computer system, or a target, as long as the

connection between the computer system and the user terminal is sustained in said application step (d).

34. The information input/output method according to claim 23, wherein said user terminal has a display screen; and

data to be shown can be obtained from the target and displayed on the display screen as long as the connection between said targets including said data to be shown and updated regularly or irregularly and the user terminal is sustained in application step (d).

35. The information input/output method according to claim 23, wherein the alarms are received from a target and executed on said user terminal as long as the connection between a device having an alarm feature, or a target, and the user terminal is sustained in said application step (d).

36. The information input/output method according to claim 23, wherein the video recording appointment information input at said user terminal to a video recording/reproduction apparatus having a video recording appointment feature, or a target, is transmitted to the target so long as the connection between said video recording/reproduction apparatus and the user terminal is sustained in said application step (d).

37. The information input/output method according to claim 23, wherein said user terminal has a display screen; and  
an image of operation for controlling remotely controllable targets is

displayed on the display screen and the user operation displayed on the display screen can be transmitted to the targets as long as said the connection between the target and the user terminal is sustained in said application step (d).

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